

In the Claims

The claims have been amended as follows:

- 1 1. (currently amended) A multi-functional mortise lock comprising:
 - 2 a casing having a front plate for confronting a door frame, a first sidewall and an
 - 3 opposed second sidewall;
 - 4 a latch bolt movable with respect to the casing between an extended position and
 - 5 a retracted position;
 - 6 at least one spindle hub adapted for connection to a spindle projecting from an
 - 7 handle, the at least one spindle hub acting to move the latch bolt to the
 - 8 retracted position when rotated;
 - 9 a latch retract lever for moving the latch bolt between the extended and retracted
 - 10 positions;
 - 11 a control hub operably connected to the latch retract lever to move the latch bolt
 - 12 between the extended and retracted positions; and
 - 13 a latch retract blocking element ~~optionally~~-positionable to block the latch retract
 - 14 lever to prevent the control hub from retracting the latch bolt, the latch retract
 - 15 blocking element being positionable without removing the first or second
 - 16 sidewall from the mortise lock to block or unblock the latch retract lever.

1 2. (currently amended) The multi-functional mortise lock according to claim 1
2 further including:

3 an interfering member movable between a locked position in which the interfering
4 member interferingly engages the at least one spindle hub to prevent rotation
5 thereof and an unlocked position in which the interfering member is
6 disengaged from the at least one spindle hub;

7 a lock/unlock lever for moving the interfering member between the locked and
8 unlocked positions, the control hub being operably connected to the
9 lock/unlock lever to move the interfering member between the locked and
10 unlocked positions; and

11 a lock/unlock blocking element ~~optionally~~ positionable to block the lock/unlock
12 lever to prevent the control hub from moving the lock/unlock lever between
13 the locked and unlocked positions, the lock/unlock blocking element being
14 positionable without removing the first or second sidewall from the mortise
15 lock to block or unblock the lock/unlock lever.

1 3. (original) The multi-functional mortise lock according to claim 2 wherein the
2 latch retract blocking element and the lock/unlock blocking element are removably
3 mounted to the first sidewall.

1 4. (currently amended) The multi-functional mortise lock according to claim 2
2 further including a spindle hub blocking element ~~optionally~~ positionable to block the

3 at least one spindle hub to prevent rotation thereof, the spindle hub blocking element
4 being positionable without removing the first or second sidewall from the mortise lock
5 to block or unblock the at least one spindle hub.

1 5. (original) The multi-functional mortise lock according to claim 4 wherein the
2 latch retract blocking element, the lock/unlock blocking element and the spindle hub
3 blocking element are all removably mounted to the first sidewall.

1 6. (original) The multi-functional mortise lock according to claim 1 wherein the
2 first sidewall includes a latch retract blocking opening that is threaded and the latch
3 retract blocking element is a screw extending through the latch retract blocking
4 opening into blocking engagement with the latch retract lever, the latch retract
5 blocking screw being removable from outside the mortise lock to unblock the latch
6 retract lever.

1 7. (original) The multi-functional mortise lock according to claim 6 wherein the
2 first sidewall includes a latch retract storage opening that is threaded for storing the
3 latch retract blocking screw when the latch retract lever is not being blocked.

1 8. (original) The multi-functional mortise lock according to claim 7 wherein the
2 first sidewall is marked at the latch retract blocking opening to identify a function

3 performed by the latch retract blocking screw when moved from the latch retract
4 storage opening to the latch retract blocking opening.

1 9. (original) The multi-functional mortise lock according to claim 7 wherein the
2 first sidewall is marked at the latch retract blocking opening and the latch retract
3 storage opening with corresponding marks to identify a function performed by the
4 latch retract blocking screw when moved from the latch retract storage opening to the
5 latch retract blocking opening.

1 10. (currently amended) A multi-functional mortise lock comprising:
2 a casing having a front plate for confronting a door frame, a first sidewall and an
3 opposed second sidewall;
4 a latch bolt movable with respect to the casing between an extended position and
5 a retracted position;
6 at least one spindle hub adapted for connection to a spindle projecting from an
7 handle, the at least one spindle hub acting to move the latch bolt to the
8 retracted position when rotated;
9 an interfering member movable between a locked position in which the interfering
10 member interferingly engages the at least one spindle hub to prevent rotation
11 thereof and an unlocked position in which the interfering member is
12 disengaged from the at least one spindle hub;

13 a lock/unlock lever for moving the interfering member between the locked and
14 unlocked positions;
15 a control hub operably connected to the lock/unlock lever to move the interfering
16 member between the locked and unlocked positions; and
17 a lock/unlock blocking element ~~optionally~~ positionable to block the lock/unlock
18 lever to prevent the control hub from moving the lock/unlock lever between
19 the locked and unlocked positions, the lock/unlock blocking element being
20 positionable without removing the first or second sidewall from the mortise
21 lock to block or unblock the lock/unlock lever.

1 11. (original) The multi-functional mortise lock according to claim 10 wherein the
2 first sidewall includes a lock/unlock blocking opening that is threaded and the
3 lock/unlock blocking element is a screw extending through the lock/unlock blocking
4 opening into blocking engagement with the lock/unlock lever, the lock/unlock
5 blocking screw being removable from outside the mortise lock to unblock the
6 lock/unlock lever.

1 12. (original) The multi-functional mortise lock according to claim 11 wherein the
2 first sidewall includes a lock/unlock storage opening that is threaded for storing the
3 lock/unlock blocking screw when the lock/unlock lever is not being blocked.

1 13. (original) The multi-functional mortise lock according to claim 11 wherein the
2 first sidewall is marked at the lock/unlock blocking opening to identify a function
3 performed by the lock/unlock blocking screw when moved from the lock/unlock
4 storage opening to the lock/unlock blocking opening.

1 14. (original) The multi-functional mortise lock according to claim 11 wherein the
2 first sidewall is marked at the lock/unlock blocking opening and the lock/unlock
3 storage opening with corresponding marks to identify a function performed by the
4 lock/unlock blocking screw when moved from the lock/unlock storage opening to the
5 lock/unlock blocking opening.

1 15. (currently amended) A multi-functional mortise lock comprising:
2 a casing having a front plate for confronting a door frame, a first sidewall and an
3 opposed second sidewall;
4 a latch bolt movable with respect to the casing between an extended position and
5 a retracted position;
6 at least one spindle hub adapted for connection to a spindle projecting from an
7 handle, the at least one spindle hub acting to move the latch bolt to the
8 retracted position when rotated;
9 an interfering member movable with respect to the at least one spindle hub
10 between locked and unlocked positions;

11 a spindle hub blocking element ~~optionally~~ positionable on the first sidewall to
12 extend through the first sidewall into a moving path of the at least one spindle
13 hub and into direct blocking contact with ~~to block~~ the at least one spindle hub
14 to prevent rotation thereof, the spindle hub blocking element being
15 positionable without removing the first or second sidewall from the mortise
16 lock to block or unblock the at least one spindle hub.

1 16. (original) The multi-functional mortise lock according to claim 15 wherein the
2 first sidewall includes a spindle hub blocking opening that is threaded and the spindle
3 hub blocking element is a screw extending through the spindle hub blocking opening
4 into blocking engagement with the at least one spindle hub, the spindle hub blocking
5 screw being removable from outside the mortise lock to unblock the at least one
6 spindle hub.

1 17. (original) The multi-functional mortise lock according to claim 16 wherein the
2 first sidewall includes a spindle hub storage opening that is threaded for storing the
3 spindle hub blocking screw when the at least one spindle hub is not being blocked.

1 18. (currently amended) The multi-functional mortise lock according to claim ~~16~~
2 17 wherein the first sidewall is marked at the spindle hub blocking opening to identify
3 a function performed by the spindle hub blocking screw when moved from the
4 spindle hub storage opening to the spindle hub blocking opening.

19. (currently amended) The multi-functional mortise lock according to claim 16
17 wherein the first sidewall is marked at the spindle hub blocking opening and the
spindle hub storage opening with corresponding marks to identify a function
performed by the spindle hub blocking screw when moved from the spindle hub
storage opening to the spindle hub blocking opening.

20. (currently amended) A multi-functional mortise lock comprising:
a casing having a front plate for confronting a door frame, a first sidewall and an
opposed second sidewall;
a latch bolt movable with respect to the casing between an extended position and
a retracted position;
at least one spindle hub adapted for connection to a spindle projecting from an
handle, the at least one spindle hub acting to move the latch bolt to the
retracted position when rotated;
a latch retract lever for moving the latch bolt between the extended and retracted
positions;
an interfering member movable between a locked position in which the interfering
member interferingly engages the at least one spindle hub to prevent rotation
thereof and an unlocked position in which the interfering member is
disengaged from the at least one spindle hub;

15 a lock/unlock lever for moving the interfering member between the locked and
 16 unlocked positions;
 17 a control hub operably connected to the latch retract lever to move the latch bolt
 18 between the extended and retracted positions and operably connected to the
 19 lock/unlock lever to move the interfering member between the locked and
 20 unlocked positions;
 21 a latch retract blocking element ~~optionally~~ positionable to block the latch retract
 22 lever to prevent the control hub from retracting the latch bolt, the latch retract
 23 blocking element being positionable without removing the first or second
 24 sidewall from the mortise lock to block or unblock the latch retract lever.
 25 a lock/unlock blocking element ~~optionally~~ positionable to block the lock/unlock
 26 lever to prevent the control hub from moving the lock/unlock lever between
 27 the locked and unlocked positions, the lock/unlock blocking element being
 28 positionable without removing the first or second sidewall from the mortise
 29 lock to block or unblock the lock/unlock lever.
 30 a spindle hub blocking element ~~optionally~~ positionable to block the at least one
 31 spindle hub to prevent rotation thereof, the spindle hub blocking element being
 32 positionable without removing the first or second sidewall from the mortise
 33 lock to block or unblock the at least one spindle hub.

1 21. (original) The multi-functional mortise lock according to claim 20 wherein:
 2 the first sidewall further includes:

3 a threaded latch retract blocking opening

4 a threaded lock/unlock blocking opening, and

5 a threaded spindle hub blocking opening;

6 the latch retract blocking element is a screw extending through the latch retract

7 blocking opening into blocking engagement with the latch retract lever, the

8 latch retract blocking screw being removable from outside the mortise lock to

9 unblock the latch retract lever;

10 the lock/unlock blocking element is a screw extending through the lock/unlock

11 blocking opening into blocking engagement with the lock/unlock lever, the

12 lock/unlock blocking screw being removable from outside the mortise lock to

13 unblock the lock/unlock lever; and

14 the spindle hub blocking element is a screw extending through the spindle hub

15 blocking opening into blocking engagement with the at least one spindle hub,

16 the spindle hub blocking screw being removable from outside the mortise lock

17 to unblock the at least one spindle hub.

1 22. (original) The multi-functional mortise lock according to claim 21 wherein the
2 first sidewall further includes:

3 a threaded latch retract storage opening for storing the latch retract blocking screw

4 when the latch retract lever is not being blocked;

5 a threaded lock/unlock storage opening for storing the lock/unlock blocking screw

6 when the lock/unlock lever is not being blocked; and

7 a threaded spindle hub storage opening for storing the spindle hub blocking screw
8 when the at least one spindle hub is not being blocked.

1 23. (original) The multi-functional mortise lock according to claim 21 wherein the
2 first sidewall is marked at the threaded blocking openings to identify functions
3 performed by the blocking screws when moved from the storage openings to the
4 blocking openings.

1 24. (original) The multi-functional mortise lock according to claim 21 wherein the
2 first sidewall is marked at the threaded blocking openings and the threaded storage
3 openings with corresponding marks to identify functions performed by the blocking
4 screws when moved from the storage openings to the blocking openings.

1 25. (original) The multi-functional mortise lock according to claim 23 wherein the
2 marks indicate functions performed by combinations of blocking screws and functions
3 performed by individual blocking screws.

1 26. (original) A multi-functional mortise lock comprising:
2 a casing having a front plate for confronting a door frame, a first sidewall and an
3 opposed second sidewall;
4 a latch bolt movable with respect to the casing between an extended position and
5 a retracted position;

6 a first spindle hub adapted for connection to a spindle projecting from a first
7 handle, the first spindle hub acting to move the latch bolt to the retracted
8 position when rotated;

9 a second spindle hub adapted for connection to a spindle projecting from a second
10 handle, the second spindle hub acting to move the latch bolt to the retracted
11 position when rotated;

12 a latch retract lever for moving the latch bolt between the extended and retracted
13 positions;

14 an interfering member movable between a locked position in which the interfering
15 member interferingly engages at least one of the spindle hubs to prevent
16 rotation thereof and an unlocked position in which the interfering member is
17 disengaged from the spindle hubs;

18 a lock/unlock lever for moving the interfering member between the locked and
19 unlocked positions;

20 a control hub operably connected to the latch retract lever to move the latch bolt
21 between the extended and retracted positions and operably connected to the
22 lock/unlock lever to move the interfering member between the locked and
23 unlocked positions;

24 a latch retract blocking screw removably mounted on the first sidewall and
25 extending through the first sidewall, the latch retract blocking screw blocking
26 the latch retract lever when mounted to the first sidewall to prevent the control
27 hub from retracting the latch bolt, the latch retract blocking screw being

28 removable from the first sidewall without removing the first or second sidewall
29 from the mortise lock;
30 a lock/unlock blocking screw removably mounted on the first sidewall and
31 extending through the first sidewall, the lock/unlock blocking screw blocking
32 the lock/unlock lever to prevent the control hub from moving the lock/unlock
33 lever between the locked and unlocked positions, the lock/unlock blocking
34 screw being removable from the first sidewall without removing the first or
35 second sidewall from the mortise lock; and
36 a spindle hub blocking screw removably mounted on the first sidewall and
37 extending through the first sidewall, the spindle hub blocking screw blocking
38 the first spindle hub to prevent rotation thereof, the spindle hub blocking screw
39 being removable from the first sidewall without removing the first or second
40 sidewall from the mortise lock.

1 27. (original) The multi-functional mortise lock according to claim 26 wherein:
2 the first sidewall further includes:
3 a threaded latch retract blocking opening
4 a threaded lock/unlock blocking opening, and
5 a threaded spindle hub blocking opening;
6 the latch retract blocking element is a screw extending through the latch retract
7 blocking opening into blocking engagement with the latch retract lever, the

8 latch retract blocking screw being removable from outside the mortise lock to
9 unblock the latch retract lever;
10 the lock/unlock blocking element is a screw extending through the lock/unlock
11 blocking opening into blocking engagement with the lock/unlock lever, the
12 lock/unlock blocking screw being removable from outside the mortise lock to
13 unblock the lock/unlock lever; and
14 the spindle hub blocking element is a screw extending through the spindle hub
15 blocking opening into blocking engagement with the first spindle hub, the
16 spindle hub blocking screw being removable from outside the mortise lock to
17 unblock the first spindle hub.

1 28. (original) The multi-functional mortise lock according to claim 27 wherein the
2 first sidewall further includes:

3 a threaded latch retract storage opening for storing the latch retract blocking screw
4 when the latch retract lever is not being blocked;
5 a threaded lock/unlock storage opening for storing the lock/unlock blocking screw
6 when the lock/unlock lever is not being blocked; and
7 a threaded spindle hub storage opening for storing the spindle hub blocking screw
8 when the first spindle hub is not being blocked.

1 29. (original) The multi-functional mortise lock according to claim 28 wherein the
2 first sidewall is marked at the threaded blocking openings to identify functions

3 performed by the blocking screws when moved from the storage openings to the
4 blocking openings.

1 30. (original) The multi-functional mortise lock according to claim 28 wherein the
2 first sidewall is marked at the threaded blocking openings and the threaded storage
3 openings with corresponding marks to identify functions performed by the blocking
4 screws when moved from the storage openings to the blocking openings.

